

CLAIMS

1. A personal identification device comprising a fingerprint sensor that detects a fingerprint; and a scanner that calls a storage medium mounted on a portable device worn on a finger, a wrist, or an ankle of a user for reading recording information stored on said storage medium; said fingerprint sensor and said scanner being integrally provided in a device main body of said personal identification device,

said personal identification device further comprising fingerprint comparison means for comparing fingerprint data of a user's finger detected by said fingerprint sensor with fingerprint comparison data read by said scanner from the storage medium of the portable device worn on the finger, the wrist, or the ankle of the user for identifying an identity between a holder of said storage medium and an authentic user via said fingerprint comparison.

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2. The personal identification device according to claim 1, wherein said portable device has a shape of a ring or a bracelet.

25 3. The personal identification device according to claim 2, wherein said fingerprint sensor and said scanner are positioned on the device main body where the detection of a user's fingerprint by the fingerprint

sensor and the reading of the storage medium mounted on the portable device worn by the user can be performed at the same time.

- 5 4. The personal identification device according to one of claims 1-3, further comprising display means in the device main body,

 wherein, based on the fingerprint comparison, said scanner reads personal information from the
10 recording information stored in said storage medium for display on said display means.

5. The personal identification device according to one of claims 1-4, wherein, based on the fingerprint
15 comparison, said scanner reads identifying data, which identifies an individual, from the recording information stored in said storage medium and sends the identifying data to an external server to obtain personal information, which is identified by the
20 identifying data, from the external server.

6. The personal identification device according to one of claims 1-4, wherein, based on the fingerprint comparison, the fingerprint data detected by said
25 fingerprint sensor is sent to an external server to obtain personal information, which is identified by the fingerprint data, from the external server.

7. A system having a personal identification device, said system comprising:

the personal identification device according to one of claims 1-3; and an electronic sealing device that
5 outputs seal data,

wherein, based on the fingerprint comparison, said personal identification device uses the scanner to read seal data from the recording information stored in said storage medium and sends the seal data to the
10 electronic sealing device and

said electronic sealing device writes and reads the seal data, which has been read, to and from an external device.

15 8. The personal identification device according to claim 7, further comprising display means in the device main body,

wherein the seal data read from said storage medium and/or the seal data read from the external device
20 is displayed on said display means.

9. A system having a personal identification device, said system comprising:

the personal identification device according to
25 one of claims 1-3; and a lock device that is unlocked by the comparison of identification data,

wherein, based on the fingerprint comparison, said personal identification device uses the scanner

to read identification data from the recording information stored in said storage medium and sends the identification data to the lock device and

5 said lock device is unlocked by a comparison between the identification data, which has been read, with identification data stored in advance.